Geography in the News 24 (2019/20)  
**Wider reading in Geography**

Geography in the News this week explores how reductions in air pollution during lockdown could lead to warmer weather.

***A picture containing crossword, indoor, black, white

Description automatically generated***<https://www.independent.co.uk/environment/coronavirus-lockdown-air-pollution-warmer-weather-heatwave-nitrogen-dioxide-a9482996.html>

**TinyURL:** <https://tinyurl.com/warmerlockdown>

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**Define It**

To begin with, it will be very useful to know what the following terms mean. Write a definition for each:

* **Weather**
* **Climate**
* **Air pollution**
* **Carbon dioxide**
* **Particulate matter**
* **Localised warming**

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**The Facts**

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Complete the questions below or head over to <https://www.internetgeography.net/gitn24/>

to complete the questions as a multiple-choice quiz.

1. What do experts believe could lead to an increase in warm weather across the country?
2. During lockdown, how much have air pollution levels dropped by in many UK cities?
3. Which pollutants, that have a long-term effect on climate, remain in the atmosphere for a long time?
4. Give an example of a shorter-lived atmospheric pollutant.
5. How can the reduction of some shorter-lived pollutants affect the weather?
6. True or false? Some atmospheric particle matter is slowing down climate change.
7. What are aerosols?
8. Give two examples of natural and man-made aerosols.
9. Give examples of how levels of air pollution have fallen in the UK.
10. What is a ULEZ?

/10

Did the quiz online? What was your score?

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**The Map**

Either describe the map below showing CO2 levels in the UK, or;

Describe (say what the map shows) **and** explain (the reasons for it) the the map below showing CO2 levels in the UK.

A close up of a map

Description automatically generatedA screenshot of a cell phone

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***A close up of a sign

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**The Impacts**

What are the impacts of air pollution?

|  |  |  |
| --- | --- | --- |
|  | **Positive Impacts** | **Negative Impacts** |
| **Weather** |  |  |
| **Climate** |  |  |

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**The Links**

**https://www.internetgeography.net/homework/synoptic-links-in-geography/**

How does this Geography in the News link to what you have previously studied in geography and/or what you already know? How does this link to other aspects of geography?

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**The Next Level**

We should burn more trees to release aerosols into the atmosphere to combat climate change. To what extent do you agree with this statement?